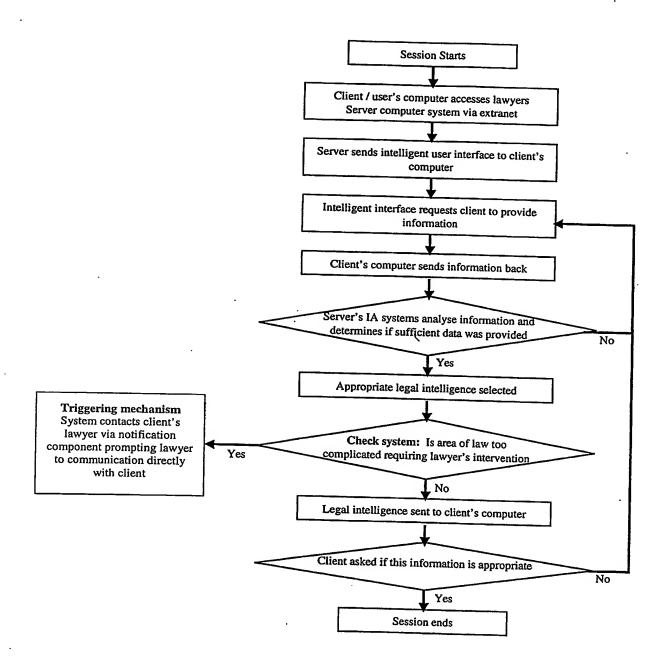


FIGURE 1



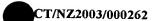
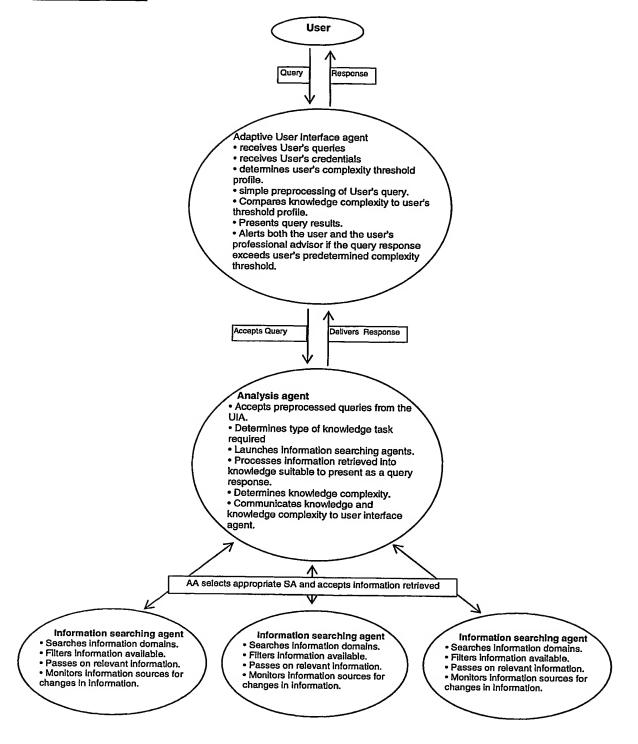


FIGURE 2





Accet		
Computer program	Function Designed to perform a task of varying complexity.	Characteristics • Autonomous; operates as a stand alone process without
		user intervention.
		 Confinition augment of the user and other agents.
		Perceptive: able to perceive and respond to changes in its environment.
User Interface agent	Interacts with the user by:	Adaptive user interface
	 receiving User's queries 	Observes and learns user's preference and habits.
	 receiving User's credentials 	Based on user's level of expertise
	 simple preprocessing of User's query. 	Agent is proactive in undertaking an information filtering
	 Presenting query results 	role and communicating with analysis and information searching agents.
		Agent presents an easy to understand and use
Analysis agent	Accepts preprocessed queries from the UIA and:	Strategised to great and exchange information with the
	Launches information searching agents	interface agent
	Processes information retrieved.	Programmed to select appropriate information search agents
	Communicate problem-solving strategies to user interface areas	Able to fuse information retrieved by the information searching agents
		Formulated to recognise problem -solving requirements.
	Frovides useful tips and directions.	Can compare complexity of problem solving solution to
	Alerts both the user and the user's professional	predetermined thresholds of rule complexity.
	advisor if the recommended strategy exceeds a predetermined complexity threshold	
Information searching	Search particular heterogenous information sources and:	Specialised agent strategised to select particular
agent	 Filters information available. 	information sources
	 Passes on only information user is interested in. 	Incorporate models of conflict resolution Incorporate models of information fusion
	 Monitors information sources for changes in information. 	Communicates with other agents

FIGURE



